

Bureau for Food Security

Initial Environmental Examination (IEE) Amendment

Project Information:	
Activity/Project Title: <i>Arcadia Accelerating Development of Abiotic Stress Tolerant Rice</i>	
Contract/Award Number (if known): <i>AEG-A-00-08-00009-00</i>	
Geographic Location: Global	
Is this is an Amendment to an existing IEE? <input checked="" type="checkbox"/> Yes, and this will be Amendment #: <u>3</u>	
Original IEE Tracking #: <u>BFS 15-11</u> , BEO Approval Date: <u>8/9/11</u>	
Title of Original document: <u>Arcadia Biosciences Abiotic Stress Tolerant Rice-Wheat</u>	
Funding: \$6,000,000	
Implementation Start/End: <u>9/30/11 – 3/31/18</u>	Expiration Date (if any):
Prepared By: Paul Tanger BFS Office: ARP	Date Prepared: 27 December 2017
Recommended Threshold Determination:	
<input checked="" type="checkbox"/> Negative Determination with Conditions	<input type="checkbox"/> Positive Determination [see 216.3(2)(iii)]
<input type="checkbox"/> Categorical Exclusion [include rationale per 216.2(c)]	<input type="checkbox"/> Exemption [include rationale per 216.2(b)]
	<input type="checkbox"/> Deferral [include rationale per 216.3(a)(1)(iii)]
Guidance:	
<p>Environmental Mitigation and Monitoring Plan (EMMP): If the Threshold Decision is a <u>Negative Determination with Conditions</u>, an EMMP will be developed by the Implementing Partner (IP) to mitigate the conditions described in this IEE. The EMMP will be completed before activities start. Periodic EMMP Reports shall be prepared by the IP to describe how well the monitoring and mitigation measures are working, and if any modifications are necessary. Guidance on BFS EMMP development is available at the BFS Environmental Compliance Tracking site.</p> <p>EMMP Reporting: <i>n/a</i></p>	
<p>Gender Equality and Women's Empowerment: Per USAID policy, this IEE will consider the proposed activity in the full light of gender equity and women's empowerment related to environmental impact, not as a separate component, but as a core activity.</p>	
<p>Global Climate Change: A Climate Risk Management (CRM) narrative and table is included in section 3 of this document.</p>	
<p>This Document: The purpose of the Initial Environmental Examination, in accordance with Title 22, Code of Federal Regulations, Part 216 (22CFR216), is to provide a preliminary review of the reasonably foreseeable effects on the environment of the described activity, and to recommend determinations and, as appropriate, conditions, for these activities. Upon final approval of this IEE, these recommended determinations are affirmed as 22 CFR 216 Threshold Decisions and Categorical Exclusions, and conditions become mandatory elements of implementation. This IEE is a critical element of a mandatory environmental review and compliance process meant to achieve environmentally sound activity design and implementation.</p>	

BFS Initial Environmental Examination (IEE) Amendment

1. Project Context

Arcadia Biosciences continues ongoing research activities developing and deploying genetically engineered (GE) rice varieties that use nitrogen more efficiently and tolerate drought and salinity. Activities include evaluation of GE rice varieties with confined field evaluations in Bangladesh and Indonesia and a more focused approach to engaging public sector partners in these countries.

This amendment extends the existing IEE to end September 29, 2018

All other information and environmental determinations from the original IEE remain in effect.

2. Activity Description, Location, & Baseline

The technical and geographic scope of activities remains as described in the original IEE and accompanying amendments.

3. Potential Environmental Impacts

No new activities are introduced under this amendment. Environmental impacts are not expected to deviate from those described and analyzed in the original IEE.

4. Mitigation Conditions

All conditions of the original IEE remain in effect; this amendment introduces no new mitigation conditions.

5. Threshold Determinations

All threshold determinations of the original IEE remain in effect; this amendment introduces no new determinations.

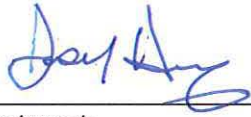
APPROVAL OF ENVIRONMENTAL ACTION RECOMMENDED:

CLEARANCE:

Activity
Manager

AOR: _____

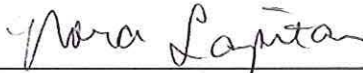
Joe Huesing, BFS/ARP/R



Date: 1/23/18

Division Chief: _____

Nora Lapitan, BFS/ARP/R



Date: 1/29/18

Acting Office Director: _____

(cleared via e-mail; see
~~Vern~~ Long, BFS/ARP attached)
Jennifer

Date: 1/29/18

CONCURRENCE:

BFS Bureau Environmental Officer: _____

William Thomas



Date: 02-01-2018

Filename: Arcadia_Rice_IEE_Climate

File Location: P:\BFS.ART\ART-Research\Activities Mechanisms Research Division\ Arcadia_Abiotic
Stress Tolerant Rice Wheat\IEE\Arcadia_Abiotic Rice_IEE_Extend_Through_2018

BFS Tracking #:

BFS-18-01-001



Tracy Powell <tpowell@usaid.gov>

For clearance: IEE extension amendment for Arcadia Rice

Jennifer Long <jlong@usaid.gov>

Mon, Jan 29, 2018 at 3:36 PM

To: Tracy Powell <tpowell@usaid.gov>

Cc: Joseph Huesing <jhuesing@usaid.gov>, Nora Lapitan <nlapitan@usaid.gov>, Paul Tanger <ptanger@usaid.gov>, William Thomas <withomas@usaid.gov>

Hi Tracy

I clear with 2 changes

- 1) plz add the word 'in' in section 1, before the last 2 words 'these countries'
- 2) change to my real name on the clearance page Jennifer Long

Thanks!!

Vern

Sent from my iPhone

On Jan 29, 2018, at 12:38 PM, Tracy Powell <tpowell@usaid.gov> wrote:

Hi Vern,

As Acting Office Director, can you please clear via e-mail the attached IEE Amendment? The amendment simply extends the IEE expiration date of Arcadia's Abiotic Stress Tolerant Rice through September 29, 2018, to align with the project's current period of performance.

Joe and Nora have already cleared in hardcopy. I'm circulating on Paul's behalf while he's in training, so let me know if you have any questions.

Regards,
Tracy

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<Arcadia_Rice_IEE_Extend_Through_2018_v2.docx>

IEE AMENDMENT SUMMARY:

1. Project Context

Arcadia Biosciences continues ongoing research activities developing and deploying genetically engineered (GE) rice varieties that use nitrogen more efficiently and tolerate drought and salinity. Activities include evaluation of GE rice varieties with confined field evaluations in Bangladesh and Indonesia and a more focused approach to engaging public sector partners in these countries.

This amendment extends the existing IEE to end September 29, 2018

All other information and environmental determinations from the original IEE remain in effect.

2. Activity Description, Location, & Conditions

The technical and geographic scope of activities remains as described in the original IEE and its prior amendments.

3. Potential Environmental Impacts

No new activities are introduced under this amendment; environmental impacts are not expected to deviate from those described and analyzed in the original IEE.

4. Mitigation Conditions

All conditions of the original IEE remain in effect; this amendment introduces no new mitigation conditions.

5. Threshold Determination

All threshold determinations of the original IEE remain in effect; this amendment introduces no new determinations.